

Claims:

1. An isolated polynucleotide molecule encoding an insecticidal toxin, said polynucleotide molecule comprising a nucleotide sequence which substantially corresponds to the nucleotide sequence shown as SEQ ID NO: 1 or SEQ ID NO: 2.
2. An isolated polynucleotide molecule according to claim 1, wherein said polynucleotide molecule comprises a nucleotide sequence which substantially corresponds to that shown as SEQ ID NO: 1.
3. An isolated polynucleotide molecule according to claim 1, wherein said polynucleotide molecule comprises a nucleotide sequence which substantially corresponds to that shown as SEQ ID NO: 2.
4. An isolated polynucleotide molecule encoding an insecticidal toxin, said polynucleotide molecule comprising a nucleotide sequence having at least 85% sequence identity to the nucleotide sequence shown as SEQ ID NO: 2.
5. An isolated polynucleotide molecule according to claim 4, wherein said polynucleotide molecule comprises a nucleotide sequence having at least 95% sequence identity to the nucleotide sequence shown as SEQ ID NO: 2.
6. An insecticidal toxin, in a substantially pure form, which the toxin comprises an amino acid sequence having at least 95% sequence identity to that shown as SEQ ID NO: 3.
7. An insecticidal toxin according to claim 6, wherein the toxin comprises an amino acid sequence substantially corresponding to that shown as SEQ ID NO: 3.
8. An insecticidal toxin, in a substantially pure form, which the toxin comprises an amino acid sequence having at least 85% sequence identity to that shown as SEQ ID NO: 4.

9. An insecticidal toxin according to claim 8, wherein the toxin comprises an amino acid sequence having at least 95% sequence identity to that shown as SEQ ID NO: 4.
- 5 10. An insecticidal toxin according to claim 9, wherein the toxin comprises an amino acid sequence substantially corresponding to that shown as SEQ ID NO: 4.
- 10 11. A recombinant microorganism, the microorganism being characterised in that it is transformed with and expresses a polynucleotide molecule according to any one of the claims 1 to 5.
12. A recombinant microorganism according to claim 11, wherein the
15 microorganism is selected from bacteria, protozoa and yeast.
13. A method of producing an insecticidal toxin, said method comprising:
(i) culturing a microorganism according to claim 11 or 12 under
conditions suitable for the expression of the toxin-encoding polynucleotide
20 molecule; and
(ii) optionally recovering the expressed insecticidal toxin.
14. A method for killing pest insects, said method comprising applying to
an area infested with said insects an effective amount of a recombinant
25 microorganism according to claim 11 or 12 optionally in admixture with an acceptable agricultural carrier.
15. A recombinant insect-specific virus, the recombinant insect-specific
virus being characterised in that it includes within a non-essential region of
30 its genome a polynucleotide molecule according to any one of claim 1 to 5 operably linked to a suitable inducible or constitutive promoter sequence.
16. A method for killing pest insects, said method comprising applying to
an area infested with said insects an effective amount of a recombinant virus
35 according to claim 15 optionally in admixture with an acceptable agricultural carrier.

17. A plant transformed with, and capable of expressing, the polynucleotide molecule according to any one of claims 1 to 5.